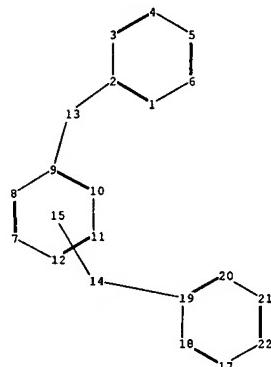
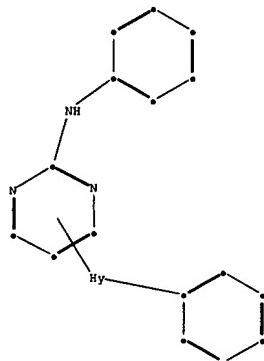


## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5157	((544/122,295,331) or (514/235.8, 252.19,275)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/16 22:03



chain nodes :

13 14

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 17 18 19 20 21 22

chain bonds :

2-13 9-13 14-19

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 17-18 17-22 18-19 19-20 20-21 21-22

exact/norm bonds :

2-13 9-13 14-19

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 17-18 17-22 18-19 19-20 20-21 21-22

isolated ring systems :

containing 1 : 7 : 17 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:CLASS14:Atom  
15:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom

Generic attributes :

14:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7

Number of Hetero Atoms : 2 or more

Type of Ring System : Monocyclic

Element Count :

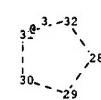
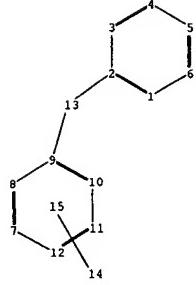
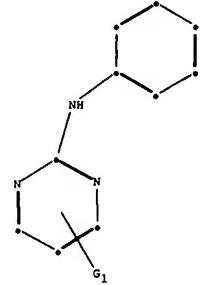
**Node 14: Limited**

C,C3

N,N2

O,O0

S,S0



chain nodes :

13 14

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

chain bonds :

2-13 9-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 18-19 18-22 19-20 20-21 21-22 23-24 23-27  
24-25 25-26 26-27 28-29 28-32 29-30 30-31 31-32

exact/norm bonds :

2-13 9-13 18-19 18-22 19-20 20-21 21-22 23-24 23-27 24-25 25-26 26-27 28-29 28-32 29-30 30-31 31-32

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

isolated ring systems :

containing 1 : 7 :

G1:[\*1],[\*2],[\*3]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:CLASS14:Atom  
15:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom  
30:Atom 31:Atom 32:Atom

Element Count :

Node 14: Limited

C,C3

N,N2

O,O0  
S,S0